

沧州鑫源泉有限公司

CANGZHOU XINYUANQUAN CHEMICAL CO.,LTD.

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Factory: CANGZHOU XINYUANQUAN CHEMICAL CO.,LTD

Certificate of analysis

Supplier name	CANGZHOU XINYUANQUAN Chemical Co., LTD	
Product Name	Lithium perchlorate	
Linear Formula:	LiClO4	
Batch No.	20230510	
Quantity	1500Kg	
Shelf life	One year	
Date	May 10, 2023	
Product inspection results:		
Inspection items	Indicator requirements	Inspection results
Master content	99.9% or higher	>99.9%
Moisture (HO ₂)	≤150 ppm	55 ppm
Chloride (Cl ⁻)	≤10 ppm	3.0ppm
Sulfate (SO ₄ ²⁻)	≤10 ppm	2.4 ppm
Sodium (Na)	≤10 ppm	3.5 ppm
Potassium (K)	≤10 ppm	3.8 ppm
Iron (Fe)	≤1 ppm	0.14 ppm
Copper (Cu)	≤1 ppm	< 1 ppm
Barium(Ba)	≤10 ppm	5.1ppm
Heavy metals (in petabytes)	≤1 ppm	< 1 ppm
Impurity metal ion	≤5 ppm	< 5 ppm
Clarity	P 95	98.2

Inspection conclusion: The product is qualified and allowed to leave the factory.

Surveyor: Wang

Date: May 10, 2023

Audit: Quality Inspection Department of Xinyuan Date: May 10, 2023

Factory Date:

Date: May 22, 2023